

Model: MODEL1  
 Dependent Variable: NEWEARN

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	23	884.83223	38.47097	34.805	0.0001
Error	5993	6624.29255	1.10534		
C Total	6016	7509.12479			
Root MSE	1.05135	R-square	0.1178		
Dep Mean	10.03461	Adj R-sq	0.1144		
C.V.	10.47724				

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob >  T
INTERCEP	1	8.759900	0.12412826	70.571	0.0001
BLACK	1	-0.549994	0.09581170	-5.740	0.0001
ASIAN	1	-0.146866	0.08303147	-1.769	0.0770
HISP	1	-0.435552	0.04494637	-9.690	0.0001
OTHERS	1	-0.029097	0.23019088	-0.126	0.8994
SPOUSE	1	0.300074	0.03738814	8.026	0.0001
MENGLISH	1	0.343687	0.08356574	4.113	0.0001
MDISABL1	1	0.516172	0.06271989	-8.230	0.0001
MJOBILL1	1	0.128418	0.15820268	0.812	0.4170
MPERSCAR	1	-0.012757	0.09023937	-0.141	0.8876
MCITIZEN	1	0.078427	0.06475561	1.211	0.2259
AGE2429	1	0.368500	0.09676800	3.808	0.0001
AGE3034	1	0.550649	0.09090774	6.057	0.0001
AGE3539	1	0.582693	0.08986434	6.484	0.0001
AGE4044	1	0.619212	0.09027479	6.859	0.0001
AGE4549	1	0.671946	0.09074295	7.405	0.0001
AGE5054	1	0.668481	0.09292635	7.194	0.0001
AGE5559	1	0.552939	0.09350903	5.913	0.0001
AGEGT60	1	0.380811	0.09093862	4.188	0.0001
COLLESS	1	0.215886	0.03307727	6.527	0.0001
COLLGRAD	1	0.422440	0.03740320	11.294	0.0001
MAST	1	0.349296	0.07023810	4.973	0.0001
PROF	1	0.560189	0.13255652	4.226	0.0001
DOCT	1	0.270912	0.18762291	1.444	0.1488

Commodities  
 Men Only

Model: MODEL1  
 Dependent Variable: NEWEARN

Analysis of Variance

Source	DF	Sum of Squares	Mean Square	F Value	Prob>F
Model	23	3624.24877	157.57603	140.835	0.0001
Error	8473	9480.15140	1.11887		
Total	8496	13104.40017			

  

Root MSE	1.05776	R-square	0.2766
Dep Mean	10.31956	Adj R-sq	0.2746
C.V.	10.25009		

Parameter Estimates

Variable	DF	Parameter Estimate	Standard Error	T for H0: Parameter=0	Prob >  T
INTERCEP	1	8.456185	0.12096078	69.908	0.0001
BLACK	1	-0.434828	0.06063692	-7.171	0.0001
ASIAN	1	-0.234379	0.08551356	-2.741	0.0061
HISP	1	-0.345960	0.03850023	-8.986	0.0001
OTHERS	1	-0.353749	0.22124352	-1.599	0.1099
SPOUSE	1	0.277927	0.03034390	9.159	0.0001
MENGLISH	1	0.426543	0.09096199	4.689	0.0001
MDISABL1	1	0.320241	0.05713339	5.605	0.0001
MMOBILL1	1	0.119681	0.17727588	0.675	0.4996
MPERSCAR	1	-0.118580	0.08700206	-1.363	0.1729
MCITIZEN	1	0.002586	0.06375927	0.041	0.9676
AGE2429	1	0.567243	0.08939759	6.345	0.0001
AGE3034	1	0.652662	0.08438159	7.735	0.0001
AGE3539	1	0.769483	0.08352605	9.212	0.0001
AGE4044	1	0.830382	0.08385532	9.903	0.0001
AGE4549	1	0.877203	0.08453213	10.377	0.0001
AGE5054	1	0.869930	0.08668253	10.036	0.0001
AGE5559	1	0.759431	0.08794515	8.635	0.0001
AGEGT60	1	0.544074	0.08659255	6.283	0.0001
COLLESS	1	0.271886	0.03343528	8.132	0.0001
COLLGRAD	1	0.657057	0.03478807	18.887	0.0001
MAST	1	0.664831	0.05241086	12.685	0.0001
PROF	1	1.459670	0.03574254	40.838	0.0001
DOCT	1	1.122370	0.07937743	14.140	0.0001

Services  
 Men Only

## **APPENDIX G**

Survey 1

## PROCUREMENT SURVEY--CONSTRUCTION

1/24/94

PLEASE COMPLETE AND RETURN BY May 14, 1994

We are interested in your responses whether you have bid or have not bid on State contracts. If you have any questions about the survey, please call Mr. Ed Rincon at (214) 349-8984.

PLACE LABEL HERE

1. How many times has your firm secured or attempted to secure contracts with the State in the last five years? Please circle the answer.
- a. 1 - 10 times                      c. More than 20 times
- b. 11 - 20 times                      d. Never (go to Question 3)
2. In general, how have the following affected your ability to obtain State contracts? Please circle one answer for each of the following factors.

	No Experience <u>With</u>	Helps me Obtain <u>an Award</u>	No <u>Effect</u>	Makes it Harder to Obtain <u>an Award</u>	Makes it Impossible to Obtain <u>an Award</u>
Bonding Requirements	1	2	3	4	5
Insurance Requirements	1	2	3	4	5
Large Project Size	1	2	3	4	5
Cost of Completing Bids	1	2	3	4	5
Obtaining Working Capital	1	2	3	4	5
Length of Notification for Bid Deadlines	1	2	3	4	5
Prequalification Requirements (e.g., experience)	1	2	3	4	5
Previous Dealings with the State	1	2	3	4	5

PLEASE CONTINUE ON BACK

## Survey 1

## Construction

3. In the last five years, have you, in your opinion, been discriminated against while participating in any of the business dealings listed below? By discrimination, we mean have you been treated less favorably than otherwise similar firms because of your race or sex?

\_\_\_ Yes If yes, please circle the letter that best describes how often this happened. *These questions are not specific to State projects, unless specified.*

\_\_\_ No If no, go to Question 4.

<u>Business Dealings</u>	<u>Number of Instances of Discrimination</u>			
	<u>0 times</u>	<u>1-5 times</u>	<u>6-20 times</u>	<u>More than 20 times</u>
Applying for commercial loans	a	b	c	d
Applying for a bond	a	b	c	d
Attempting to hire workers from union hiring halls	a	b	c	d
Obtaining quotes from suppliers	a	b	c	d
Bidding or working on State prime contracts	a	b	c	d
Bidding or working on State subcontracts	a	b	c	d
Receiving payment for prime contracts	a	b	c	d
Receiving payment for subcontracts	a	b	c	d

4. Is 51% or more of your firm owned by one or more of the following racial/ethnic groups?

\_\_\_ Yes If yes, please circle the appropriate letter(s), indicating these groups, below.

\_\_\_ No If no, go to Question 5.

- a. *African-American/Black* (Black racial groups of Africa or the Caribbean)
- b. *Hispanic* (Puerto Ricans, Mexicans, Dominicans, Cubans, Central or South American culture or origin, regardless of race)
- c. *Asian Pacific* (Original peoples of the Far East, Southeast Asia, or Pacific Islands)
- d. *Asian Indian* (Original peoples of the Indian Subcontinent)
- e. *Native American* (Original peoples of North America who maintain cultural identity through tribal affiliation or community recognition)

## Survey 1

## Construction

5. Is your firm at least 51% owned by women? \_\_\_\_\_ Yes  
\_\_\_\_\_ No
6. Circle the letter for the ONE category that best describes your business.
- a. Building Construction - e.g., construction of residential, farm, industrial, commercial or other buildings and alteration, repair and renovation
  - b. Heavy Construction - e.g., highways, streets, bridges, sewers, railroads, marine construction, etc.
  - c. Special Trade Construction - e.g., plumbing, heating, electrical, painting, masonry, carpentry, etc.
7. Approximately how many full-time, full-year employees did your firm have in 1993? \_\_\_\_
8. How many years has your firm been in business? \_\_\_\_\_ years
9. Circle the letter that best corresponds to your firm's total gross revenues/sales in 1993.
- a. \$0-\$50,000
  - b. \$50,001-\$100,000
  - c. \$100,001-\$200,000
  - d. over \$200,000
10. How often do prime contractors who use your firm as a subcontractor on government projects with M/WBE goals or requirements (requirements for minority and woman-owned businesses), also use your firm on projects without M/WBE goals or requirements? Please circle the answer:

Frequently

a

Sometimes

b

Seldom

c

Never

d

Not Applicable

e

Survey 1

## PROCUREMENT SURVEY--COMMODITIES

1/24/94

PLEASE COMPLETE AND RETURN BY MAY 14, 1994

We are interested in your responses whether you have bid or have not bid on State contracts. If you have any questions about the survey, please call Mr. Ed Rincon at (214) 349-8984.

PLACE LABEL HERE

1. How many times has your firm secured or attempted to secure contracts with the State in the last five years? Please circle the answer.
  - a. 1 - 10 times
  - b. 11 - 20 times
  - c. More than 20 times
  - d. Never (go to Question 3)
  
2. In general, how have the following affected your ability to obtain purchase orders or blanket purchase orders (PO/BPOs) from the State. Please circle one answer for each of the following factors.

	No Experience With	Helps me Obtain an Award	No Effect	Makes it Harder to Obtain an Award	Makes it Impossible to Obtain an Award
Credit Requirements	1	2	3	4	5
Insurance Requirements	1	2	3	4	5
Large Volume PO/BPOs	1	2	3	4	5
Cost of Completing Bids	1	2	3	4	5
Obtaining Working Capital	1	2	3	4	5
Length of Notification for Bid Deadlines	1	2	3	4	5
Previous Dealings with the State	1	2	3	4	5

PLEASE CONTINUE ON BACK

## Survey 1

## Commodities

3. In the last five years, have you, in your opinion, been discriminated against while participating in any of the business dealings listed below? By discrimination, we mean have you been treated less favorably than otherwise similar firms because of your race or sex?

Yes If yes, please circle the letter that best describes how often this happened. *These questions are not specific to State projects, unless specified.*

No If no, go to Question 4.

<u>Business Dealings</u>	<u>Number of Instances of Discrimination</u>			
	<u>0 times</u>	<u>1-5 times</u>	<u>6-20 times</u>	<u>More than 20 times</u>
Applying for commercial loans	a	b	c	d
Applying for commercial insurance	a	b	c	d
Obtaining quotes from suppliers	a	b	c	d
Receiving volume discounts from manufacturers or suppliers	a	b	c	d
Receiving lines of credit from manufacturers or suppliers	a	b	c	d
Attempting to secure State contracts	a	b	c	d

4. Is 51% or more of your firm owned by one or more of the following racial/ethnic groups?

Yes If yes, please circle the appropriate letter(s), indicating these groups, below.

No If no, go to Question 5.

- a. *African-American/Black* (Black racial groups of Africa or the Caribbean)
- b. *Hispanic* (Puerto Ricans, Mexicans, Dominicans, Cubans, Central or South American culture or origin, regardless of race)
- c. *Asian Pacific* (Original peoples of the Far East, Southeast Asia, or Pacific Islands)
- d. *Asian Indian* (Original peoples of Indian Subcontinent)
- e. *Native American* (Original peoples of North America who maintain cultural identity through tribal affiliation or community recognition)

## Survey 1

## Commodities

5. Is your firm at least 51% owned by women? \_\_\_\_\_ Yes  
\_\_\_\_\_ No
6. Circle the letter for the **ONE** category that best describes your business.  
a. manufacturer    b. wholesaler    c. retailer    d. other
7. Approximately how many full-time, full-year employees did your firm have in 1993? \_\_\_\_\_
8. How many years has your firm been in business? \_\_\_\_\_ years
9. Circle the letter that best corresponds to your firm's total gross revenues/sales in 1993.  
a. \$0-\$50,000    b. \$50,001-\$100,000    c. \$100,001-\$200,000    d. over \$200,000
10. How often do prime contractors who use your firm as a supplier on government projects with M/WBE goals or requirements (requirements for minority and woman-owned businesses), also use your firm on projects without M/WBE goals or requirements? Please circle the answer:
- |                   |                  |               |              |                       |
|-------------------|------------------|---------------|--------------|-----------------------|
| <u>Frequently</u> | <u>Sometimes</u> | <u>Seldom</u> | <u>Never</u> | <u>Not Applicable</u> |
| a                 | b                | c             | d            | e                     |

Survey 1      **PROCUREMENT SURVEY--PROFESSIONAL, CONSULTANT  
AND OTHER SERVICES**      1/24/94

**PLEASE COMPLETE AND RETURN BY MAY 14, 1994**

We are interested in your responses whether you have bid or have not bid on State contracts. If you have any questions about the survey, please call Mr. Ed Rincon at (214) 349-8984.

**PLACE LABEL HERE**

1. How many times has your firm secured or attempted to secure contracts with the State in the last five years? Please circle the answer.

- a.            1 - 10 times
- b.            11 - 20 times
- c.            More than 20 times
- d.            Never (go to Question 3)

2. In general, how have the following affected your ability to obtain State contracts? Please circle one answer for each of the following factors.

	No Experience <u>With</u>	Helps me Obtain <u>an Award</u>	No Effect	Makes it Harder to Obtain <u>an Award</u>	Makes it Impossible to Obtain <u>an Award</u>
Credit Requirements	1	2	3	4	5
Insurance Requirements	1	2	3	4	5
Large Project Size	1	2	3	4	5
Cost of Completing Proposals	1	2	3	4	5
Obtaining Working Capital	1	2	3	4	5
Length of Notification for Proposal Deadlines	1	2	3	4	5
Prequalification Requirements (e.g., experience)	1	2	3	4	5
Previous Dealings with the State	1	2	3	4	5

**PLEASE CONTINUE ON BACK**

## Survey 1

## Professional, Consultant and Other Services

3. In the last five years, have you, in your opinion, been discriminated against while participating in any of the business dealings listed below? By discrimination, we mean have you been treated less favorably than otherwise similar firms because of your race or sex?

Yes If yes, please circle the letter that best describes how often this happened. *These questions are not specific to State projects, unless specified.*

No If no, go to Question 4.

<u>Business Dealings</u>	<u>Number of Instances of Discrimination</u>			
	<u>0 times</u>	<u>1-5 times</u>	<u>6-20 times</u>	<u>More than 20 times</u>
Applying for commercial loans	a	b	c	d
Applying for commercial insurance	a	b	c	d
Dealings with professional associations	a	b	c	d
Bidding or working on State prime contracts	a	b	c	d
Bidding or working on State subcontracts	a	b	c	d
Receiving payment for prime contracts	a	b	c	d
Receiving payment for subcontracts	a	b	c	d

4. Is 51% or more of your firm owned by one or more of the following racial/ethnic groups?

Yes If yes, please circle the appropriate letter(s), indicating these groups, below.

No If no, go to Question 5.

- a. *African-American/Black* (Black racial groups of Africa or the Caribbean)
- b. *Hispanic* (Puerto Ricans, Mexicans, Dominicans, Cubans, Central or South American culture or origin, regardless of race)
- c. *Asian Pacific* (Original peoples of the Far East, Southeast Asia, or Pacific Islands)
- d. *Asian Indian* (Original peoples of the Indian Subcontinent)
- e. *Native American* (Original peoples of North America who maintain cultural identity through tribal affiliation or community recognition)

## Survey 1

## Professional, Consultant and Other Services

5. Is your firm at least 51% owned by women? \_\_\_\_\_ Yes  
 \_\_\_\_\_ No
6. Circle the letter for the **ONE** category that best describes your business.
- |  |  |
|--|--|
| a. Finance, insurance, real estate   | f. Health services   |
| b. Engineering, accounting, research, management and related services  | g. Legal services  |
| c. Business services (e.g. advertising, commercial photography, photocopying, court stenographer, secretarial, equipment rental, personnel supply services, computer programming and data entry) | h. Personal services (e.g. launderers, dry cleaners, beauticians, barbers, shoe shine, funeral services) |
| d. Transportation services and warehousing   | i. Social services   |
| e. Repair services (automotive and other)  | j. Educational services  |
|  | k. Other services  |
7. Approximately how many full-time, full-year employees did your firm have in 1993? \_\_\_\_\_
8. How many years has your firm been in business? \_\_\_\_\_ years
9. Circle the letter that best corresponds to your firm's total gross revenues/sales in 1993.
- a. \$0-\$50,000    b. \$50,001-\$100,000    c. \$100,001-\$200,000    d. over \$200,000
10. How often do prime contractors who use your firm as a subcontractor on government projects with M/WBE goals or requirements (requirements for minority and woman-owned businesses), also use your firm on projects without M/WBE goals or requirements? Please circle the answer:
- |                   |                  |               |              |                       |
|-------------------|------------------|---------------|--------------|-----------------------|
| <u>Frequently</u> | <u>Sometimes</u> | <u>Seldom</u> | <u>Never</u> | <u>Not Applicable</u> |
| a                 | b                | c             | d            | e                     |

# **APPENDIX H**

**APPENDIX H**

**SUMMARY OF DISPARITY RESULTS BY 2-DIGIT SIC CODE  
BASED ON NUMBER OF VENDORS AND DOLLARS FOR  
THE STATE OF TEXAS  
PRE-PROGRAM PERIOD**

<b>SIC Code</b>	<b>Race/Sex Group</b>	<b>Percent of Vendors</b>			<b>Percent of Dollars</b>		
		<b>Utilization</b>	<b>Availability</b>	<b>Disparity Ratio</b>	<b>Utilization</b>	<b>Availability</b>	<b>Disparity Ratio</b>
		----- <b>(Percent)</b> -----	----- <b>(Percent)</b> -----		----- <b>(Percent)</b> -----	----- <b>(Percent)</b> -----	
		<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>
<b>07</b>	<b><u>Agricultural services</u></b>						
	African American/Black	0.2 %	2.9 %	5.2 *	0.0 %	3.8 %	0.3
	Hispanic	0.9	12.6	7.1 *	0.4	10.6	3.7
	Asian/Other Minorities	0.0	0.7	0.0	0.0	1.1	0.0
	Subtotal MBEs	1.1	16.2	6.5 *	0.4	15.5	2.6
	Caucasian Women	14.0	20.2	69.4 *	2.1	21.4	9.9
	Total M/WBEs	15.1	36.5	41.4 *	2.5	36.9	6.8
<b>13</b>	<b><u>Oil and gas extraction</u></b>						
	African American/Black	0.4	0.1	780.0	0.0	0.0	33.3
	Hispanic	2.0	0.6	365.5	0.5	0.2	266.7
	Asian/Other Minorities	0.0	0.1	0.0	0.0	0.2	0.0
	Subtotal MBEs	2.4	0.7	342.9	0.5	0.4	122.5
	Caucasian Women	3.2	11.5	27.5 *	0.9	13.0	6.9
	Total M/WBEs	5.6	12.2	45.6 *	1.4	13.4	10.3
<b>15</b>	<b><u>Building construction</u></b>						
	African American/Black	0.7	2.5	28.2 *	0.1	2.6	3.1
	Hispanic	3.7	16.7	22.1 *	2.8	17.2	16.1
	Asian/Other Minorities	0.3	0.8	35.9	0.1	1.0	6.3
	Subtotal MBEs	4.7	20.0	23.4 *	2.9	20.7	14.1
	Caucasian Women	5.6	8.2	67.6 *	3.0	7.2	41.6
	Total M/WBEs	10.2	28.2	36.3 *	5.9	28.0	21.2

**APPENDIX H**

**SUMMARY OF DISPARITY RESULTS BY 2-DIGIT SIC CODE  
BASED ON NUMBER OF VENDORS AND DOLLARS FOR  
THE STATE OF TEXAS  
PRE-PROGRAM PERIOD**

<b>SIC Code</b>	<b>Race/Sex Group</b>	<b>Percent of Vendors</b>			<b>Percent of Dollars</b>		
		<b>Utilization</b> ----- <b>(Percent)</b> -----	<b>Availability</b>	<b>Disparity Ratio</b>	<b>Utilization</b> ----- <b>(Percent)</b> -----	<b>Availability</b>	<b>Disparity Ratio</b>
		<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>
<b>16</b>	<b>Heavy construction</b>						
	African American/Black	0.6	1.4	40.1 *	0.0	1.2	0.8
	Hispanic	1.9	6.0	32.4 *	1.8	5.7	30.9
	Asian/Other Minorities	0.1	0.2	58.8	0.0	0.1	33.3
	Subtotal MBEs	2.6	7.5	34.4 *	1.8	7.0	25.7
	Caucasian Women	5.8	5.5	104.3	5.0	5.1	99.4
	Total M/WBEs	8.4	13.1	64.0 *	6.8	12.1	56.5
<b>17</b>	<b>Specialty trade construction</b>						
	African American/Black	0.2	3.7	4.9 *	0.0	4.0	0.3
	Hispanic	2.4	34.8	7.0 *	2.7	45.8	5.9
	Asian/Other Minorities	0.2	1.2	17.2 *	1.7	1.4	120.3
	Subtotal MBEs	2.8	39.7	7.1 *	4.4	51.2	8.6
	Caucasian Women	5.9	9.4	62.7 *	8.9	9.0	98.9
	Total M/WBEs	8.7	49.1	17.8 *	13.3	60.2	22.1
<b>20</b>	<b>Food and kindred products</b>						
	African American/Black	0.0	0.0	0.0	0.0	0.0	0.0
	Hispanic	7.7	6.9	111.3	2.4	7.0	34.5
	Asian/Other Minorities	0.0	0.6	0.0	0.0	1.0	0.0
	Subtotal MBEs	7.7	7.5	102.1	2.4	8.1	30.1
	Caucasian Women	2.1	9.9	21.4 *	0.6	9.1	6.4
	Total M/WBEs	9.8	17.5	56.2 *	3.0	17.2	17.5

**APPENDIX H**

**SUMMARY OF DISPARITY RESULTS BY 2-DIGIT SIC CODE  
BASED ON NUMBER OF VENDORS AND DOLLARS FOR  
THE STATE OF TEXAS  
PRE-PROGRAM PERIOD**

SIC Code	Race/Sex Group	Percent of Vendors			Percent of Dollars		
		Utilization ------(Percent)----- (1)	Availability (2)	Disparity Ratio (3)	Utilization ------(Percent)----- (4)	Availability (5)	Disparity Ratio (6)
27	<b>Printing and publishing</b>						
	African American/Black	0.8	0.7	118.2	0.2	0.8	24.1
	Hispanic	4.2	5.1	81.5 *	1.5	5.0	30.3
	Asian/Other Minorities	1.1	1.4	77.2	0.1	1.9	2.7
	Subtotal MBEs	6.0	7.2	84.0 *	1.8	7.7	22.9
	Caucasian Women	3.6	14.3	24.8 *	3.3	14.9	22.2
	Total M/WBEs	9.6	21.5	44.6 *	5.1	22.6	22.4
28	<b>Chemicals/allied products</b>						
	African American/Black	0.5	0.0	0.0	0.7	0.0	0.0
	Hispanic	2.9	0.3	887.9	0.8	0.4	192.5
	Asian/Other Minorities	2.4	0.1	4820.0	0.1	0.1	87.5
	Subtotal MBEs	5.9	0.4	1589.2	1.5	0.5	312.5
	Caucasian Women	3.0	4.0	73.9	0.7	3.1	23.5
	Total M/WBEs	8.8	4.4	202.5	2.2	3.6	62.1
32	<b>Stone, clay, glass, concrete</b>						
	African American/Black	0.0	0.4	0.0	0.0	0.5	0.0
	Hispanic	2.3	3.2	71.4	0.5	3.5	13.6
	Asian/Other Minorities	0.0	0.3	0.0	0.0	0.5	0.0
	Subtotal MBEs	2.3	3.9	58.8	0.5	4.5	10.6
	Caucasian Women	2.7	7.8	34.7 *	2.0	9.1	21.6
	Total M/WBEs	5.0	11.7	42.7 *	2.5	13.6	18.0

**APPENDIX H**

**SUMMARY OF DISPARITY RESULTS BY 2-DIGIT SIC CODE  
BASED ON NUMBER OF VENDORS AND DOLLARS FOR  
THE STATE OF TEXAS  
PRE-PROGRAM PERIOD**

SIC Code	Race/Sex Group	Percent of Vendors			Percent of Dollars		
		Utilization ----- (1)	Availability (2)	Disparity Ratio (3)	Utilization ----- (4)	Availability (5)	Disparity Ratio (6)
34	<b>Fabricated metal products: except machinery and computers</b>						
	African American/Black	0.5	0.8	64.5	0.7	1.2	58.8
	Hispanic	3.1	6.3	48.9 *	1.3	4.7	28.0
	Asian/Other Minorities	1.0	0.7	148.6	0.0	1.2	0.0
	Subtotal MBEs	4.6	7.7	59.5 *	2.0	7.0	28.6
	Caucasian Women	3.5	7.3	47.8 *	1.1	8.5	12.6
	Total M/WBEs	8.1	15.0	53.8 *	3.1	15.5	19.9
35	<b>Industrial and commercial machinery and computers</b>						
	African American/Black	0.8	0.1	600.0	0.6	0.1	914.3
	Hispanic	2.8	5.1	55.7 *	0.6	4.3	13.2
	Asian/Other Minorities	1.1	0.6	169.8	0.0	1.4	0.7
	Subtotal MBEs	4.8	5.9	81.2	1.2	5.8	21.0
	Caucasian Women	2.6	4.2	62.4 *	1.1	4.3	25.8
	Total M/WBEs	7.4	10.0	73.3 *	2.3	10.1	23.0
36	<b>Electronic and electrical equipment</b>						
	African American/Black	0.0	0.3	0.0	0.0	0.4	0.0
	Hispanic	2.0	1.2	166.1	0.7	1.0	65.4
	Asian/Other Minorities	1.2	0.6	206.8	0.0	1.0	1.1
	Subtotal MBEs	3.2	2.1	157.6	0.7	2.3	29.5
	Caucasian Women	4.2	4.6	91.9	1.2	2.5	46.8
	Total M/WBEs	7.4	6.6	112.4	1.9	4.8	38.2

**APPENDIX H**

**SUMMARY OF DISPARITY RESULTS BY 2-DIGIT SIC CODE  
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PRE-PROGRAM PERIOD**

SIC Code	Race/Sex Group	Percent of Vendors			Percent of Dollars		
		Utilization ------(Percent)----- (1)	Availability (2)	Disparity Ratio (3)	Utilization ------(Percent)----- (4)	Availability (5)	Disparity Ratio (6)
39	<b>Miscellaneous manufacturing</b>						
	African American/Black	0.4	0.4	102.7	0.0	0.4	0.0
	Hispanic	1.9	8.9	21.3 *	0.4	11.8	3.7
	Asian/Other Minorities	0.0	0.5	0.0	0.0	0.7	0.0
	Subtotal MBEs	2.3	9.8	23.1 *	0.4	12.9	3.3
	Caucasian Women	7.2	14.8	48.4 *	8.8	19.6	44.9
	Total M/WBEs	9.5	24.7	38.3 *	9.2	32.5	28.5
42	<b>Motor freight transportation and warehousing</b>						
	African American/Black	0.8	9.6	8.1 *	0.2	12.6	1.7
	Hispanic	1.7	21.0	8.1 *	3.2	19.2	16.8
	Asian/Other Minorities	0.1	0.3	27.6	0.0	0.1	0.0
	Subtotal MBEs	2.6	30.9	8.3 *	3.5	31.9	10.8
	Caucasian Women	13.9	12.1	114.5	2.0	11.5	17.7
	Total M/WBEs	16.4	43.0	38.2 *	5.5	43.4	12.6
48	<b>Communications</b>						
	African American/Black	0.6	0.6	106.8	0.4	0.7	55.4
	Hispanic	1.9	3.1	60.6 *	0.9	2.0	42.3
	Asian/Other Minorities	0.3	0.3	89.3	0.0	0.3	12.0
	Subtotal MBEs	2.8	4.0	69.6	1.3	3.0	43.1
	Caucasian Women	13.7	5.1	268.9	2.1	4.2	50.0
	Total M/WBEs	16.5	9.1	181.6	3.4	7.2	46.9

**APPENDIX H**

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PRE-PROGRAM PERIOD**

SIC Code	Race/Sex Group	Percent of Vendors			Percent of Dollars		
		Utilization	Availability	Disparity Ratio	Utilization	Availability	Disparity Ratio
		----- (Percent) -----	----- (Percent) -----	----- (Percent) -----	----- (Percent) -----	----- (Percent) -----	----- (Percent) -----
		(1)	(2)	(3)	(4)	(5)	(6)
49	<u>Electric, gas, and sanitary services</u>						
	African American/Black	2.5	0.5	534.0	0.2	0.7	22.5
	Hispanic	1.9	2.4	77.0	2.3	1.7	138.9
	Asian/Other Minorities	0.3	0.0	0.0	0.0	0.0	0.0
	Subtotal MBEs	4.7	2.9	161.5	2.5	2.4	104.6
	Caucasian Women	12.6	2.1	589.7	1.6	2.5	62.1
	Total M/WBEs	17.3	5.1	343.0	4.1	4.9	82.7
50	<u>Wholesale trade-durable goods</u>						
	African American/Black	0.4	0.4	120.0	0.1	0.3	32.4
	Hispanic	3.4	2.1	161.8	1.4	1.4	104.4
	Asian/Other Minorities	1.4	0.5	280.0	0.9	0.8	106.2
	Subtotal MBEs	5.2	2.9	177.3	2.4	2.5	94.8
	Caucasian Women	3.6	5.4	65.7 *	4.8	5.2	94.0
	Total M/WBEs	8.7	8.3	104.8	7.2	7.7	94.3
51	<u>Wholesale trade-nondurable goods</u>						
	African American/Black	0.3	0.4	85.7	0.2	0.3	58.8
	Hispanic	3.0	2.5	118.3	2.4	2.0	119.4
	Asian/Other Minorities	1.3	0.6	198.4	0.2	1.0	19.6
	Subtotal MBEs	4.5	3.5	129.7	2.8	3.3	83.8
	Caucasian Women	3.0	7.0	43.1 *	1.9	7.7	24.3
	Total M/WBEs	7.6	10.5	71.9 *	4.7	11.0	42.2

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**SUMMARY OF DISPARITY RESULTS BY 2-DIGIT SIC CODE  
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<b>SIC Code</b>	<b>Race/Sex Group</b>	<b>Percent of Vendors</b>			<b>Percent of Dollars</b>		
		<b>Utilization</b> ----- <b>(Percent)</b> ----- <b>(1)</b>	<b>Availability</b> <b>(2)</b>	<b>Disparity Ratio</b> <b>(3)</b>	<b>Utilization</b> ----- <b>(Percent)</b> ----- <b>(4)</b>	<b>Availability</b> <b>(5)</b>	<b>Disparity Ratio</b> <b>(6)</b>
52	<b>Building materials, hardware, garden supply, and materials</b>						
	African American/Black	0.1	0.5	14.0 *	0.0	0.6	0.0
	Hispanic	3.8	3.4	110.8	0.7	2.4	28.5
	Asian/Other Minorities	0.0	0.3	0.0	0.0	0.3	0.0
	Subtotal MBEs	3.9	4.3	90.9	0.7	3.3	20.8
	Caucasian Women	3.3	10.5	31.1 *	1.5	9.4	16.2
	Total M/WBEs	7.1	14.8	48.3 *	2.2	12.7	17.3
53	<b>General merchandise stores</b>						
	African American/Black	0.1	0.5	22.2 *	0.0	1.0	0.0
	Hispanic	2.2	1.6	134.4	1.1	1.2	91.6
	Asian/Other Minorities	0.0	3.4	0.0	0.0	6.2	0.0
	Subtotal MBEs	2.3	5.5	42.0 *	1.1	8.4	12.9
	Caucasian Women	1.0	7.2	13.9 *	0.7	8.5	8.1
	Total M/WBEs	3.3	12.7	26.1 *	1.8	16.9	10.5
54	<b>Food stores</b>						
	African American/Black	0.1	1.1	8.0 *	0.0	1.4	0.0
	Hispanic	2.0	8.7	23.1 *	0.7	4.8	13.6
	Asian/Other Minorities	0.9	5.6	16.5 *	0.0	8.7	0.0
	Subtotal MBEs	3.0	15.5	19.6 *	0.7	14.9	4.4
	Caucasian Women	1.0	12.2	8.3 *	3.7	10.2	36.3
	Total M/WBEs	4.0	27.7	14.6 *	4.4	25.2	17.4

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<b>SIC Code</b>	<b>Race/Sex Group</b>	<b>Percent of Vendors</b>			<b>Percent of Dollars</b>		
		<b>Utilization</b> ----- <b>(Percent)</b> ----- <b>(1)</b>	<b>Availability</b> <b>(2)</b>	<b>Disparity Ratio</b> <b>(3)</b>	<b>Utilization</b> ----- <b>(Percent)</b> ----- <b>(4)</b>	<b>Availability</b> <b>(5)</b>	<b>Disparity Ratio</b> <b>(6)</b>
55	<b>Automotive dealers and gasoline service stations</b>						
	African American/Black	0.2	1.3	16.5 *	4.2	1.6	270.5
	Hispanic	2.8	6.2	45.6 *	1.6	3.5	45.1
	Asian/Other Minorities	0.9	1.0	86.1	0.0	1.6	1.3
	Subtotal MBEs	3.9	8.4	46.3 *	5.8	6.6	87.8
	Caucasian Women	1.5	6.0	24.5 *	0.7	5.3	13.5
	Total M/WBEs	5.4	14.4	37.2 *	6.5	12.0	54.6
56	<b>Apparel/accessory stores</b>						
	African American/Black	0.2	0.7	32.4	0.2	0.8	26.2
	Hispanic	2.5	2.8	89.2	1.0	2.1	48.3
	Asian/Other Minorities	0.0	1.2	0.0	0.0	2.0	0.0
	Subtotal MBEs	2.7	4.7	57.6 *	1.3	4.9	25.4
	Caucasian Women	4.4	19.8	22.2 *	3.0	14.4	20.5
	Total M/WBEs	7.1	24.5	29.0 *	4.2	19.3	21.7
57	<b>Home furniture, furnishings, and equipment stores</b>						
	African American/Black	0.3	0.5	51.9	0.2	0.6	24.6
	Hispanic	3.5	4.3	81.3 *	0.8	2.6	28.6
	Asian/Other Minorities	2.6	0.9	302.3	1.7	1.6	107.1
	Subtotal MBEs	6.4	5.7	112.3	2.6	4.8	53.6
	Caucasian Women	4.5	16.1	27.6 *	14.5	14.2	102.0
	Total M/WBEs	10.8	21.8	49.7 *	17.1	19.0	89.8

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<b>SIC Code</b>	<b>Race/Sex Group</b>	<b>Percent of Vendors</b>			<b>Percent of Dollars</b>		
		<b>Utilization</b>	<b>Availability</b>	<b>Disparity Ratio</b>	<b>Utilization</b>	<b>Availability</b>	<b>Disparity Ratio</b>
		<b>------(Percent)-----</b>			<b>------(Percent)-----</b>		
		<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>
<b>58</b>	<b><u>Eating and drinking places</u></b>						
	African American/Black	0.7	1.9	38.3	0.0	2.0	2.0
	Hispanic	2.6	10.2	25.6 *	0.5	6.5	7.7
	Asian/Other Minorities	0.0	5.7	0.0	0.0	7.6	0.0
	Subtotal MBEs	3.3	17.7	18.7 *	0.5	16.1	3.3
	Caucasian Women	1.1	17.9	5.9 *	0.6	13.9	4.3
	Total M/WBEs	4.4	35.6	12.3 *	1.1	30.0	3.8
<b>59</b>	<b><u>Miscellaneous retail</u></b>						
	African American/Black	0.5	1.1	40.7 *	0.2	1.5	11.1
	Hispanic	3.4	5.5	61.8 *	6.0	3.8	159.5
	Asian/Other Minorities	1.0	2.1	46.9 *	1.2	3.1	38.3
	Subtotal MBEs	4.8	8.7	55.5 *	7.4	8.4	87.9
	Caucasian Women	4.6	26.5	17.3 *	24.7	22.4	110.0
	Total M/WBEs	9.4	35.2	26.7 *	32.1	30.9	104.0
<b>64</b>	<b><u>Insurance agents, brokers and service</u></b>						
	African American/Black	0.7	1.6	39.6	0.2	1.8	10.6
	Hispanic	0.7	6.2	10.5 *	0.0	4.3	0.2
	Asian/Other Minorities	0.0	0.2	0.0	0.0	0.3	0.0
	Subtotal MBEs	1.3	8.0	16.3 *	0.2	6.4	3.1
	Caucasian Women	13.7	14.8	92.8	1.9	12.8	14.7
	Total M/WBEs	15.0	22.8	65.8 *	2.1	19.2	10.8

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SIC Code	Race/Sex Group	Percent of Vendors			Percent of Dollars		
		Utilization	Availability	Disparity Ratio	Utilization	Availability	Disparity Ratio
		------(Percent)-----			------(Percent)-----		
		(1)	(2)	(3)	(4)	(5)	(6)
65	<u>Real estate</u>						
	African American/Black	0.5	0.5	83.3	1.0	0.5	202.1
	Hispanic	1.8	0.6	305.1	2.2	0.4	553.8
	Asian/Other Minorities	0.0	1.0	0.0	0.0	1.3	0.0
	Subtotal MBEs	2.3	2.1	108.2	3.1	2.1	146.7
	Caucasian Women	14.9	3.0	497.3	4.7	1.7	279.9
	Total M/WBEs	17.2	5.1	338.0	7.8	3.8	205.2
70	<u>Hotels, rooming houses, camps, and other lodging</u>						
	African American/Black	1.2	1.7	71.6	6.0	2.7	223.4
	Hispanic	0.0	3.0	0.0	0.0	1.5	0.0
	Asian/Other Minorities	1.8	24.8	7.4 *	1.1	23.1	4.6
	Subtotal MBEs	3.0	29.5	10.3 *	7.1	27.3	25.9
	Caucasian Women	0.0	15.9	0.0	0.0	14.7	0.0
	Total M/WBEs	3.0	45.4	6.7 *	7.1	42.0	16.8
72	<u>Personal services</u>						
	African American/Black	1.0	5.3	19.0 *	1.1	5.6	18.9
	Hispanic	3.2	21.0	15.2 *	3.7	17.3	21.6
	Asian/Other Minorities	0.4	5.5	8.0 *	0.3	7.2	3.9
	Subtotal MBEs	4.6	31.8	14.6 *	5.1	30.1	16.8
	Caucasian Women	14.9	55.9	26.6 *	6.3	51.3	12.2
	Total M/WBEs	19.5	87.7	22.2 *	11.3	81.4	13.9

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SIC Code	Race/Sex Group	Percent of Vendors			Percent of Dollars		
		Utilization	Availability	Disparity Ratio	Utilization	Availability	Disparity Ratio
		------(Percent)-----			------(Percent)-----		
		(1)	(2)	(3)	(4)	(5)	(6)
73	<u>Business services</u>						
	African American/Black	0.6	5.5	11.7 *	2.2	6.3	35.3
	Hispanic	1.2	14.0	8.6 *	1.8	10.7	17.0
	Asian/Other Minorities	0.2	3.7	5.9 *	0.2	4.8	3.1
	Subtotal MBEs	2.1	23.2	8.9 *	4.2	21.8	19.2
	Caucasian Women	15.1	36.7	41.2 *	8.7	34.8	25.0
	Total M/WBEs	17.2	59.9	28.7 *	12.9	56.6	22.7
75	<u>Automotive repair services</u>						
	African American/Black	0.2	3.6	5.8 *	0.1	3.7	2.1
	Hispanic	2.1	19.6	10.7 *	1.9	15.8	11.7
	Asian/Other Minorities	0.1	2.0	6.1 *	0.1	3.2	2.8
	Subtotal MBEs	2.4	25.2	9.6 *	2.0	22.7	8.9
	Caucasian Women	13.4	9.2	145.8	2.5	7.8	32.4
	Total M/WBEs	15.8	34.4	46.0 *	4.6	30.6	14.9
76	<u>Miscellaneous repair services</u>						
	African American/Black	0.2	2.4	8.3 *	0.1	2.7	1.8
	Hispanic	2.5	17.3	14.6 *	1.7	16.5	10.5
	Asian/Other Minorities	0.4	1.7	24.9 *	0.3	2.0	15.7
	Subtotal MBEs	3.1	21.4	14.7 *	2.1	21.2	9.9
	Caucasian Women	14.1	12.3	114.5	3.7	13.0	28.1
	Total M/WBEs	17.2	33.7	51.1 *	5.8	34.2	16.8

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<b>SIC Code</b>	<b>Race/Sex Group</b>	<b>Percent of Vendors</b>			<b>Percent of Dollars</b>		
		<b>Utilization</b>	<b>Availability</b>	<b>Disparity Ratio</b>	<b>Utilization</b>	<b>Availability</b>	<b>Disparity Ratio</b>
		----- (Percent) -----	----- (Percent) -----	----- (Percent) -----	----- (Percent) -----	----- (Percent) -----	----- (Percent) -----
	<b>(1)</b>	<b>(2)</b>	<b>(3)</b>	<b>(4)</b>	<b>(5)</b>	<b>(6)</b>	
<b>80</b>	<b><u>Health services</u></b>						
	African American/Black	0.3	1.3	21.3 *	0.1	1.7	3.0
	Hispanic	0.6	5.5	11.1 *	0.2	3.5	5.7
	Asian/Other Minorities	3.2	3.8	84.6 *	0.4	3.3	12.5
	Subtotal MBEs	4.1	10.6	38.8 *	0.7	8.5	7.9
	Caucasian Women	3.4	9.0	37.6 *	0.1	9.8	1.3
	Total M/WBEs	7.5	19.6	38.2 *	0.8	18.3	4.4
<b>81</b>	<b><u>Legal services</u></b>						
	African American/Black	0.2	1.3	14.5 *	0.0	1.8	0.6
	Hispanic	1.0	7.1	13.7 *	1.0	4.6	22.5
	Asian/Other Minorities	0.0	0.3	0.0	0.0	0.4	0.0
	Subtotal MBEs	1.2	8.7	13.5 *	1.1	6.8	15.4
	Caucasian Women	13.1	10.6	122.8	1.6	12.2	12.8
	Total M/WBEs	14.2	19.3	73.8 *	2.6	19.0	13.7
<b>83</b>	<b><u>Social services</u></b>						
	African American/Black	0.3	4.6	6.3 *	0.4	6.0	6.3
	Hispanic	0.0	5.4	0.0	0.0	3.9	0.0
	Asian/Other Minorities	0.0	0.9	0.0	0.0	1.1	0.0
	Subtotal MBEs	0.3	11.0	2.6 *	0.4	11.0	3.5
	Caucasian Women	13.4	34.2	39.3 *	1.6	32.7	4.8
	Total M/WBEs	13.7	45.2	30.4 *	2.0	43.7	4.5